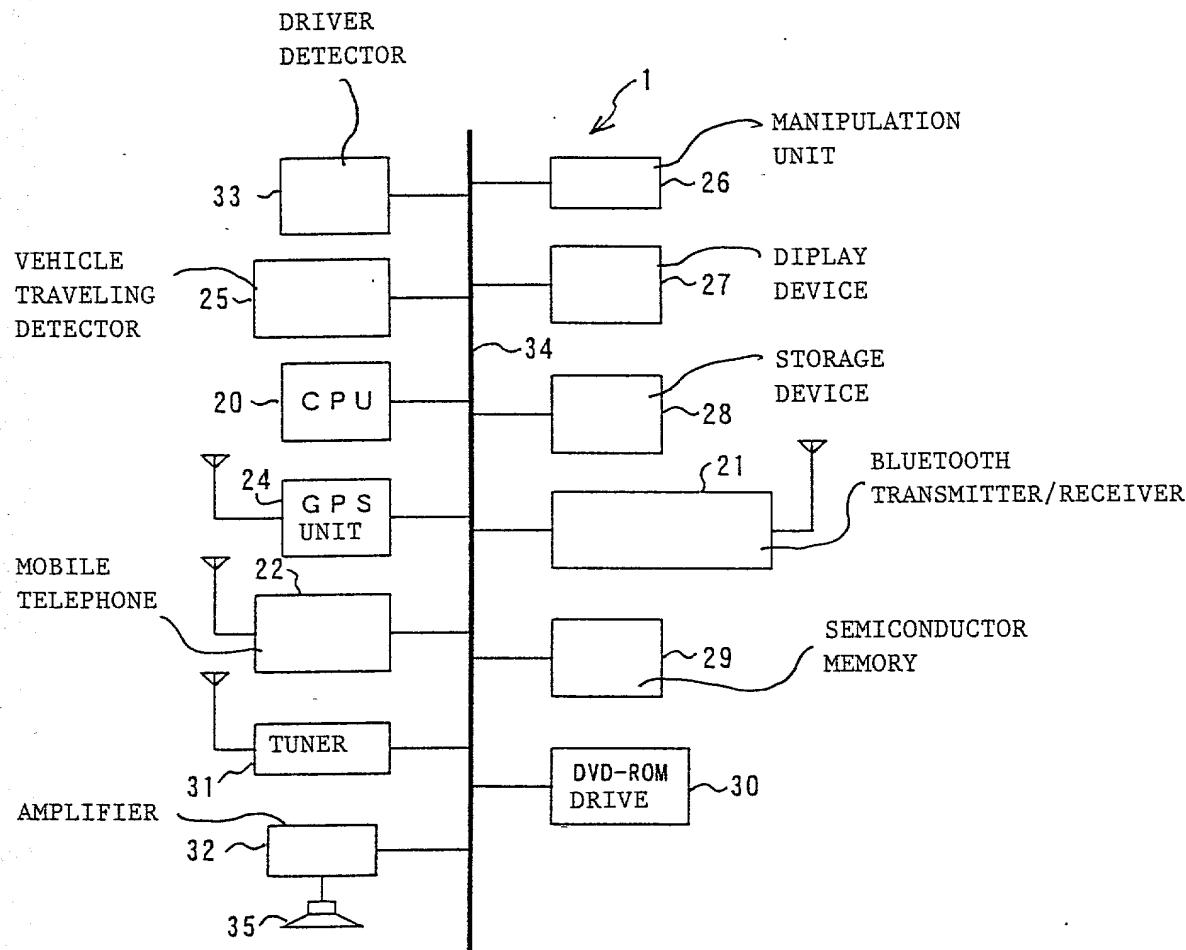


FIG. 1



F I G . 2

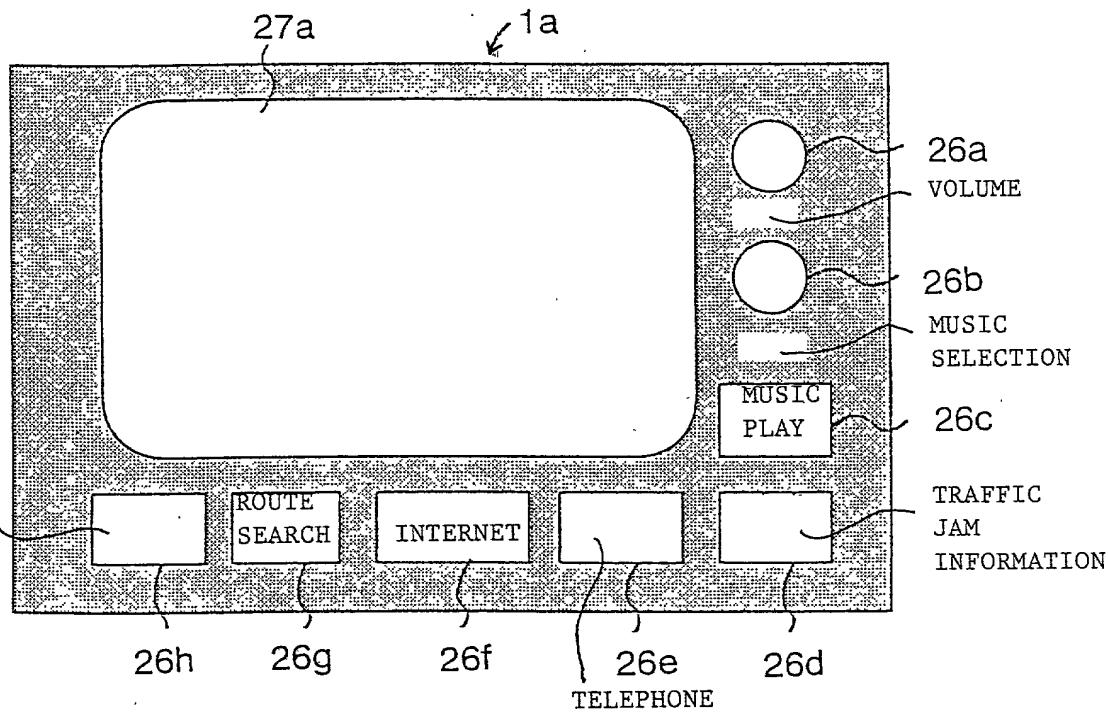


FIG . 3

MUSIC PLAY
INTERNET RADIO
MP3 DATA
GROUND WAVE

RETURN

TRAFFIC JAM INFORMATION
RADIO
INTERNET
VICS
PREDICTION FROM PAST DATA
ATIS
SPEEDWAY PUBLIC CORPORATION GUIDE

RETURN

FIG. 4 A

FIG. 4 B

TELEPHONE
CONTACT ADDRESS
LIST

RETURN

ROUTE SEARCH
DEPARTURE
DESTINATION
DATE AND TIME
LOCATION
CONDITION
PAST RECORD

RETURN

FIG. 4 C

FIG. 4 D

EMERGENCY ALARM
ACCESS POINT
EMERGENCY CENTER
AMBULANCE
POLICE
INSURANCE COMPANY
REPAIR SHOP

RETURN

FIG. 4 E

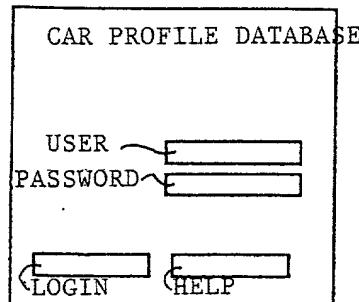


FIG. 5 A

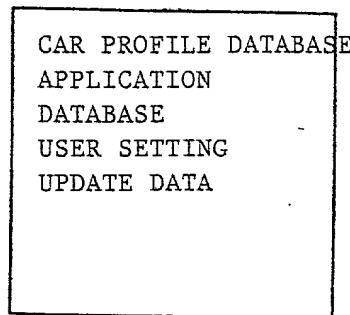


FIG. 5 B

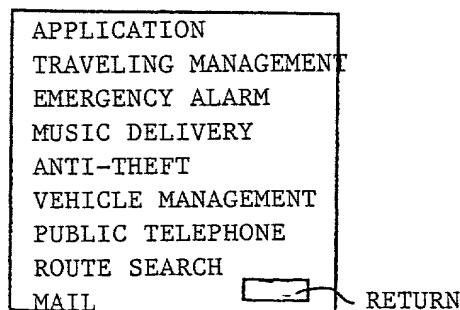


FIG. 5 C

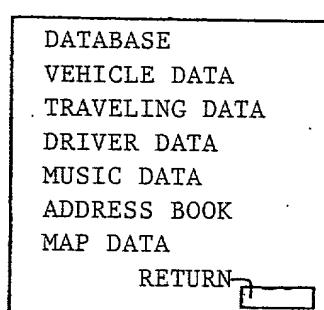


FIG. 5 D

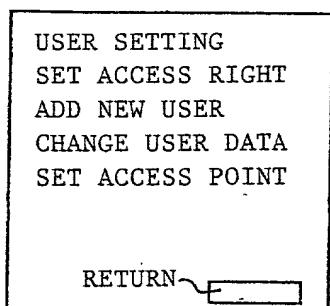


FIG. 5 E

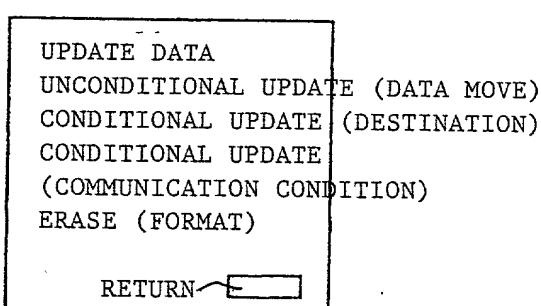


FIG. 5 F

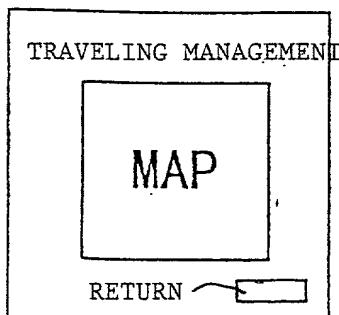


FIG. 6A

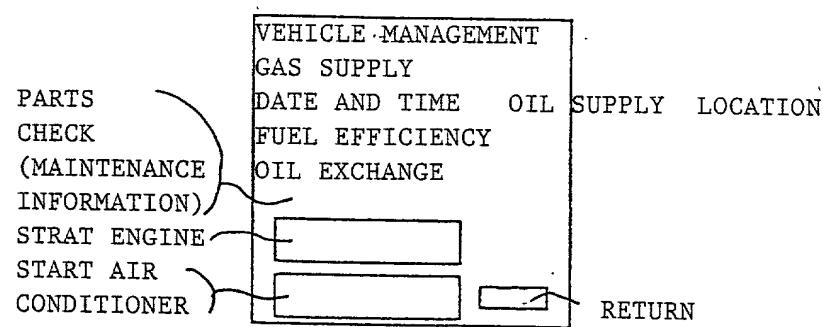


FIG. 6E

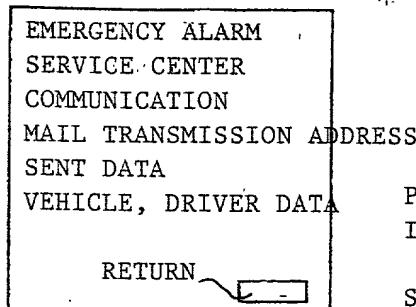


FIG. 6B

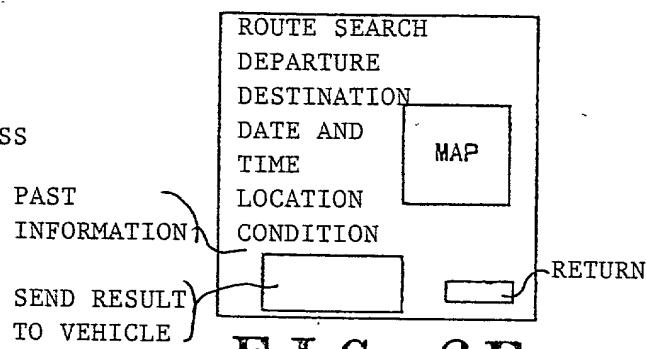


FIG. 6F

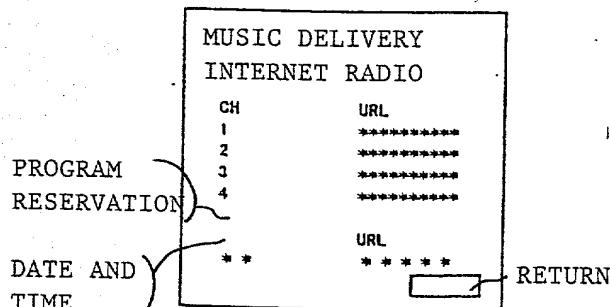


FIG. 6C

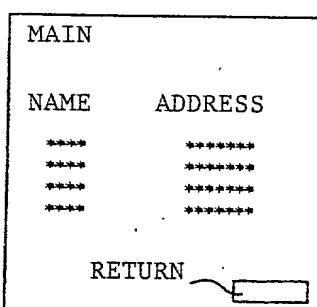


FIG. 6G

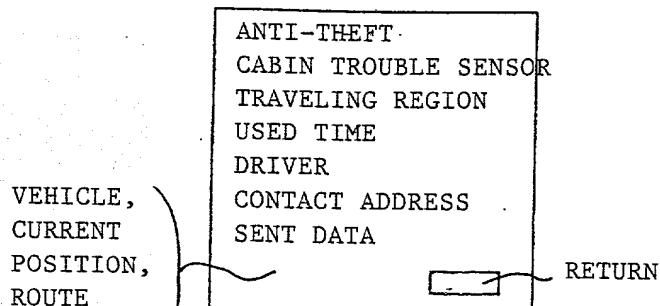


FIG. 6D

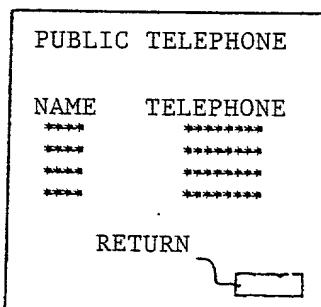


FIG. 6H

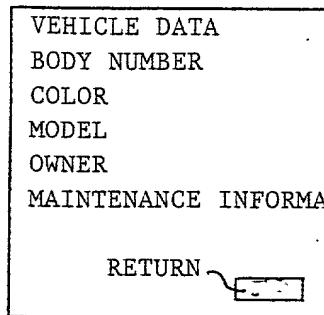


FIG. 7A

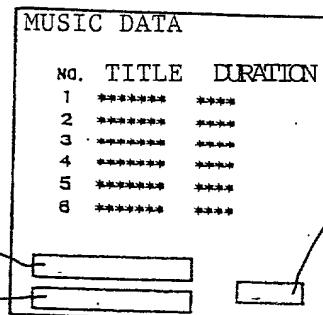


FIG. 7D

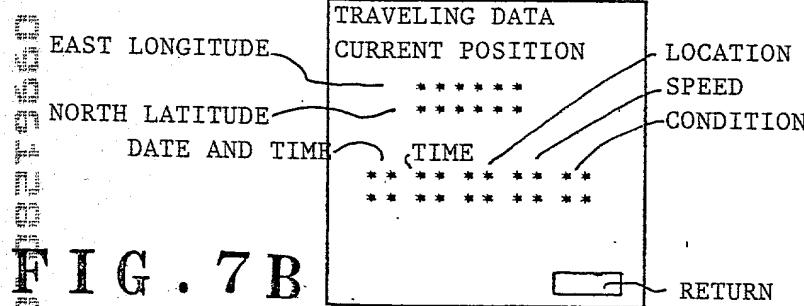


FIG. 7B

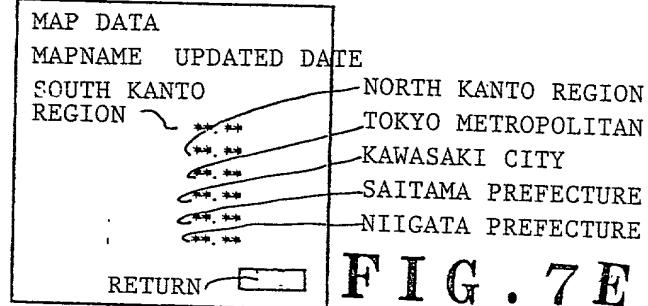


FIG. 7E

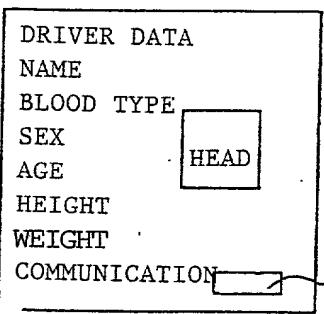


FIG. 7C

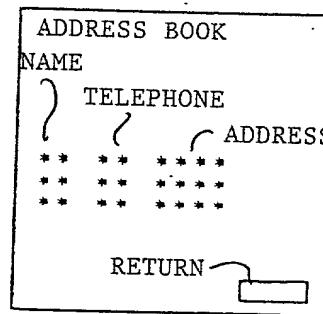


FIG. 7F

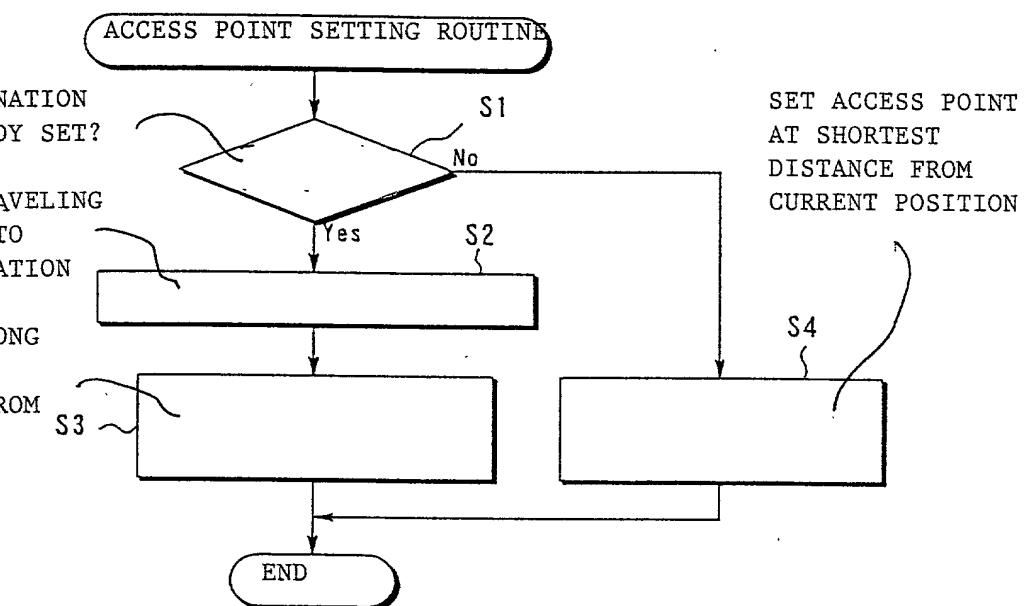


FIG . 8

EMERGENCY DATA COMMUNICATION
SETTING ROUTINE

EMERGENCY COMMUNICATION
INSTRUCTED?

S51

No

S52

SET EMERGENCY DATA
TRANSMISSION REQUEST
FLAG

END

FIG . 12

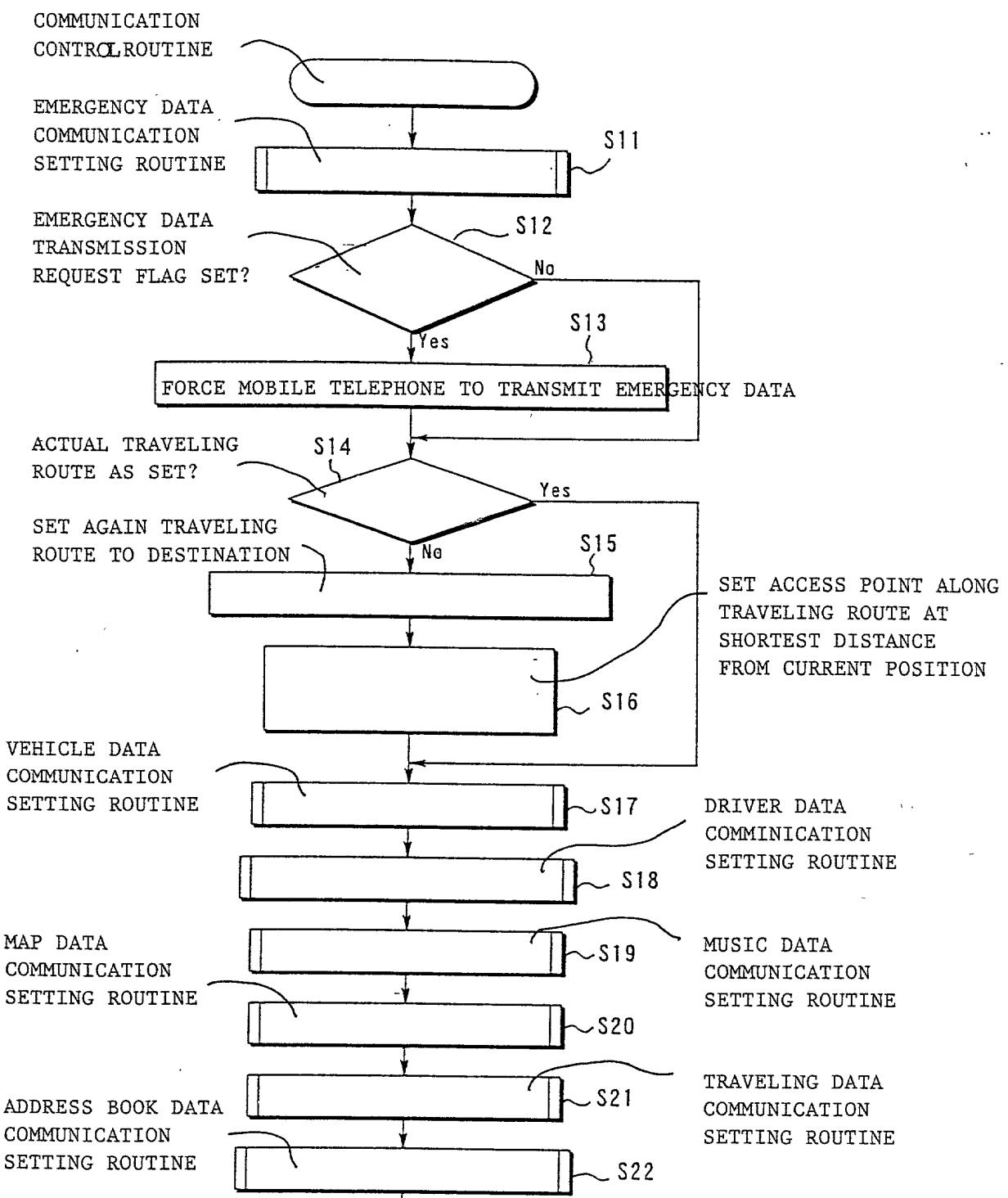


FIG. 9

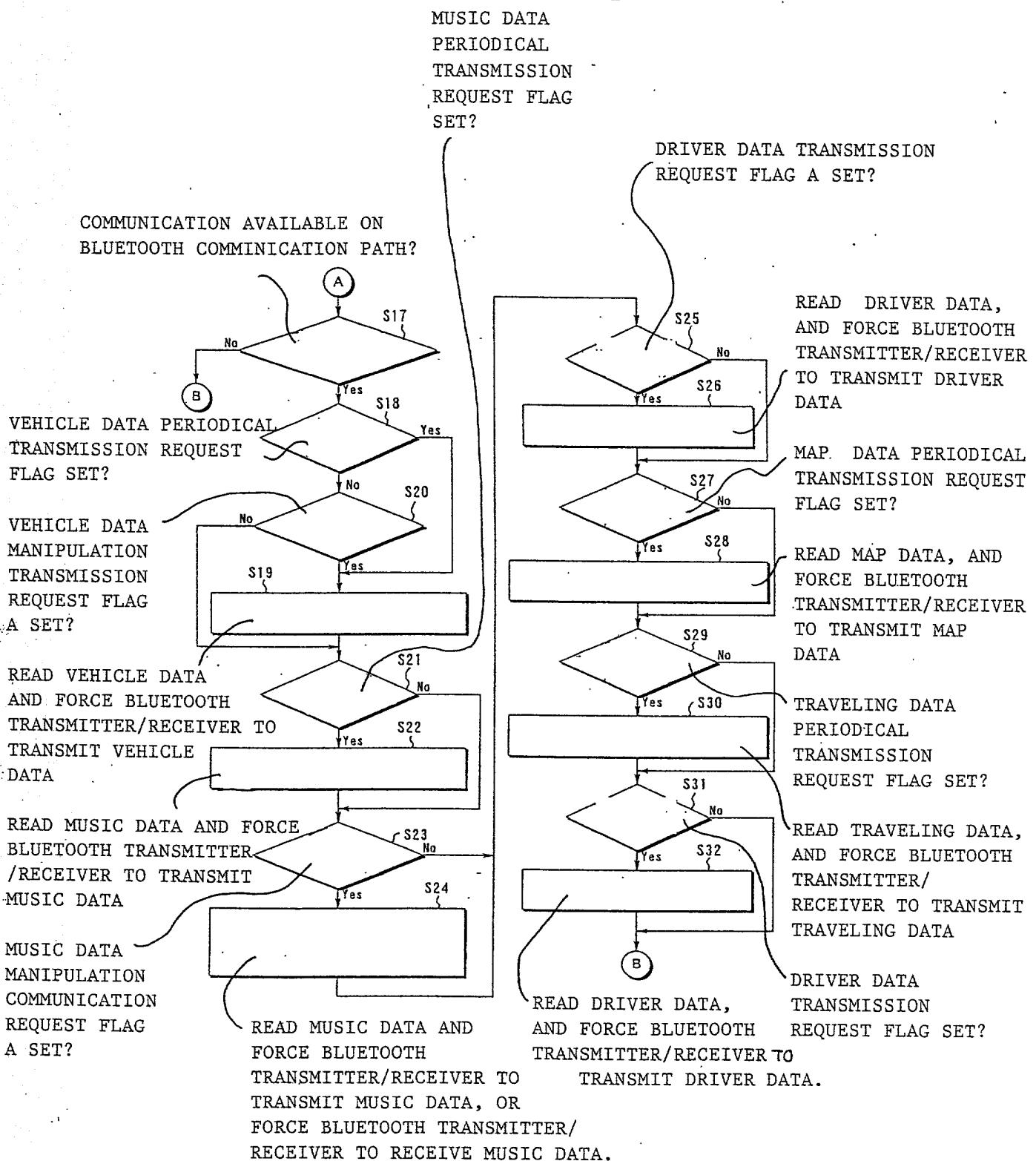


FIG. 10

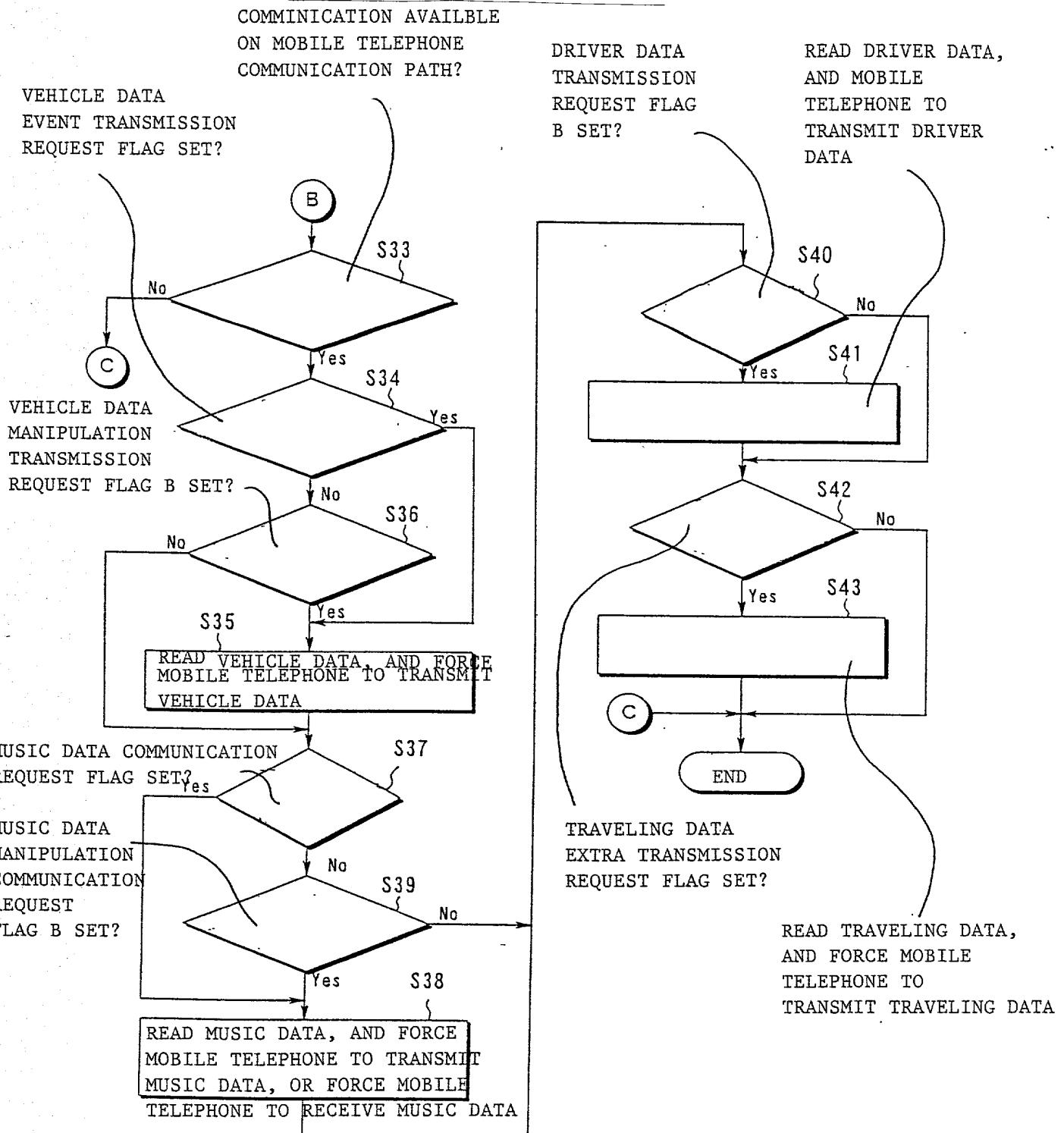
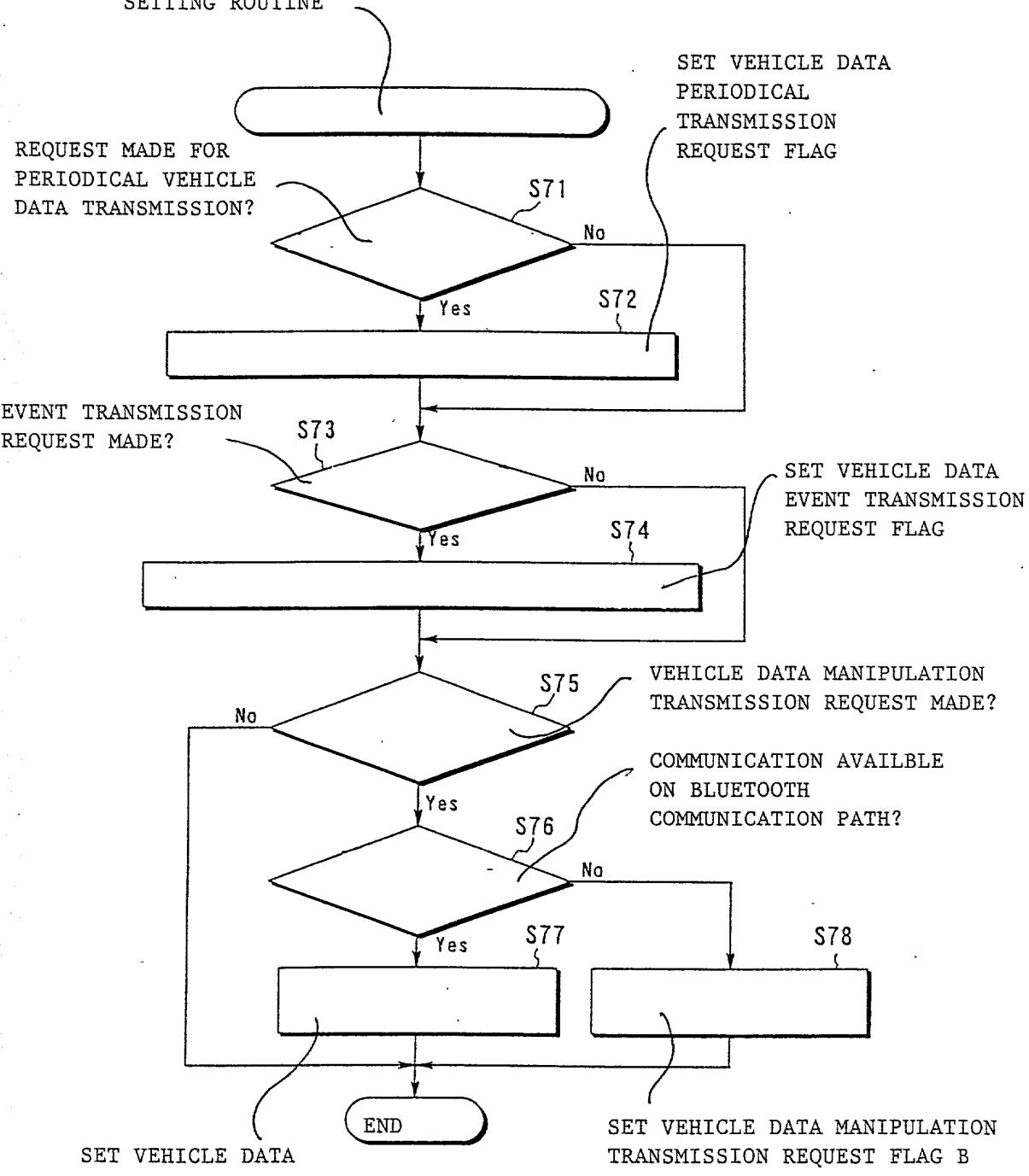


FIG. 11

VEHICLE DATA COMMUNICATION
SETTING ROUTINE



F I G . 1 3

	TYPE	UPDATE CYCLE	PRECEDING UPDATE DATE AND TIME
VEHICLE DATA		ONE WEEK	XXXX:YY:ZZ 12:10
DRIVER DATA		START OF VEHICLE	XXXX:YY:ZZ 11:03
MUSIC DATA		TWICE A DAY	XXXX:YY:ZZ 12:00
MAP DATA		ONE A MONTH	XXXX:YY:ZZ 09:45
TRAVELING DATA		EVERY 10 MINUTES	XXXX:YY:ZZ 12:50
ADDRESS BOOK DATA		ONE A DAY	XXXX:YY:ZZ 10:10
EMERGENCY DATA			XXXX:AY:GH 17:30

(OCCURRENCE OF
EMERGENCY

F I G . 1 4

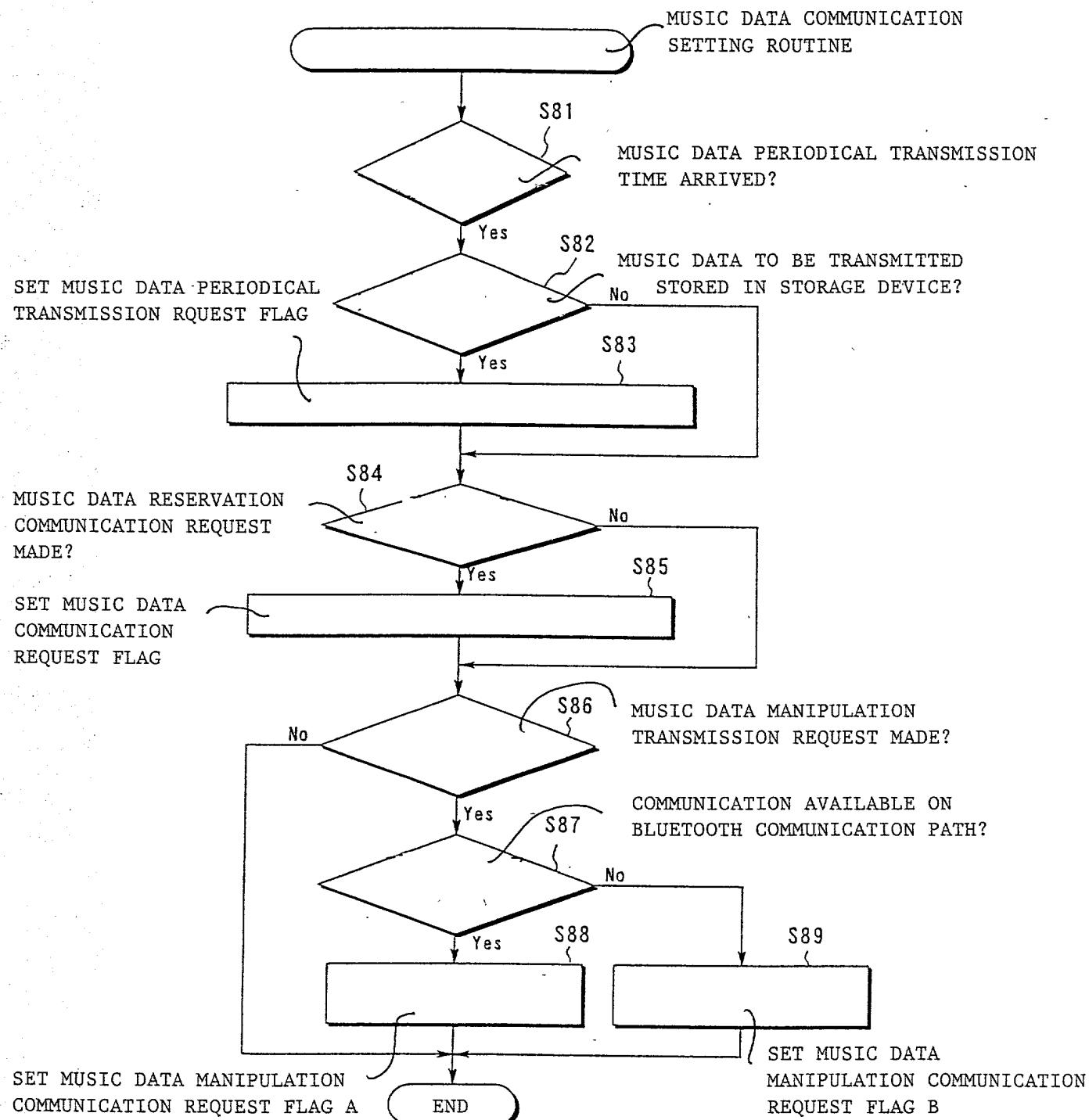
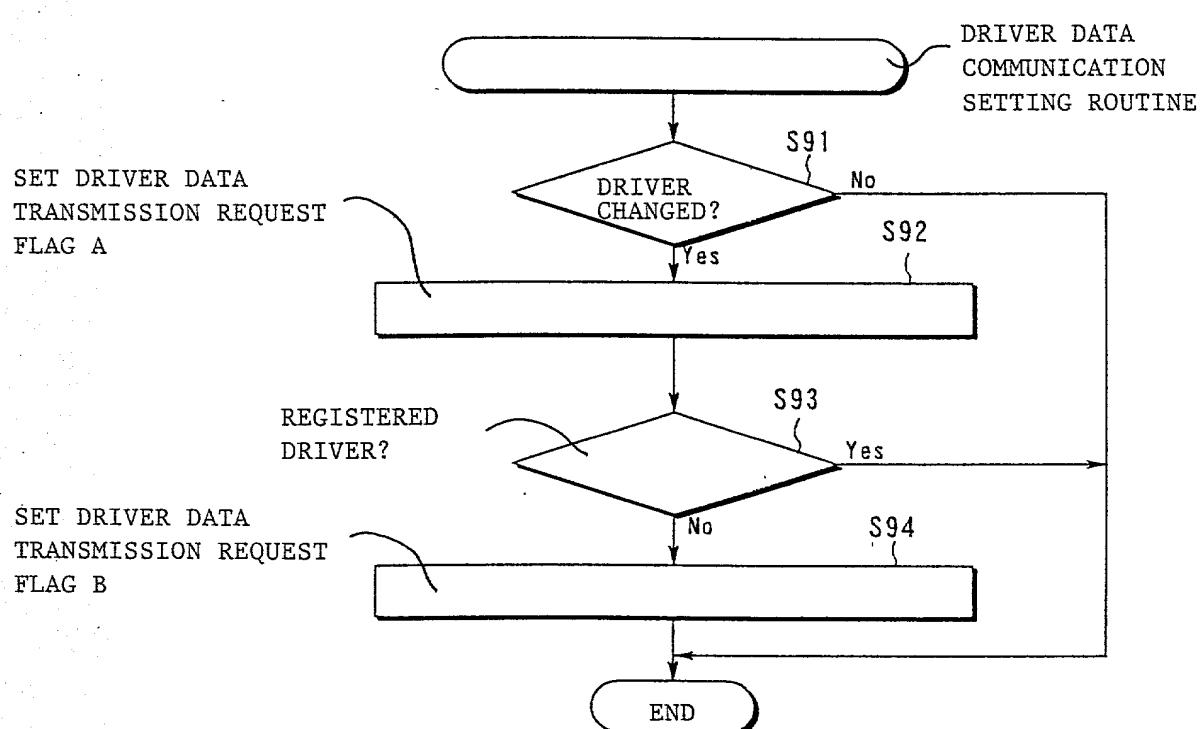
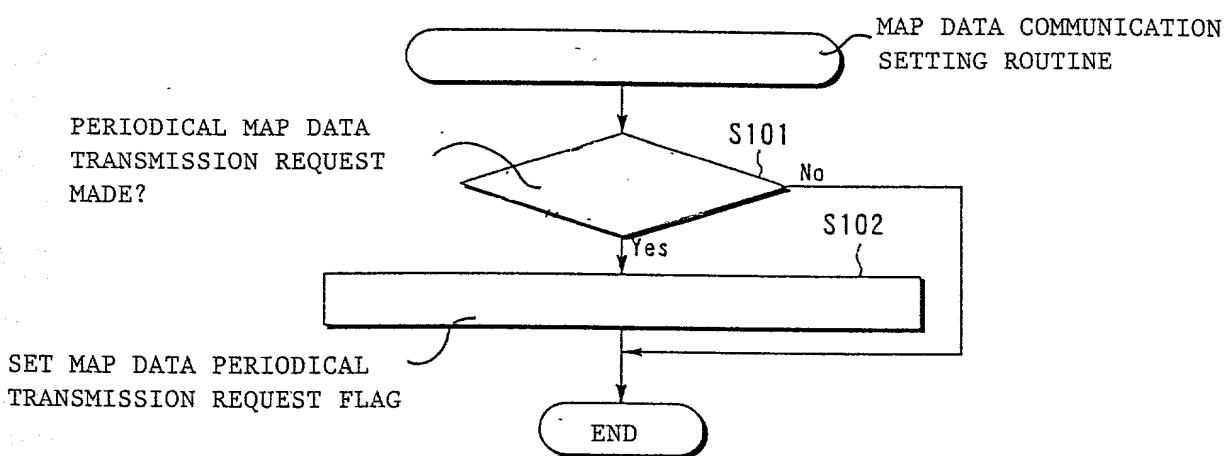


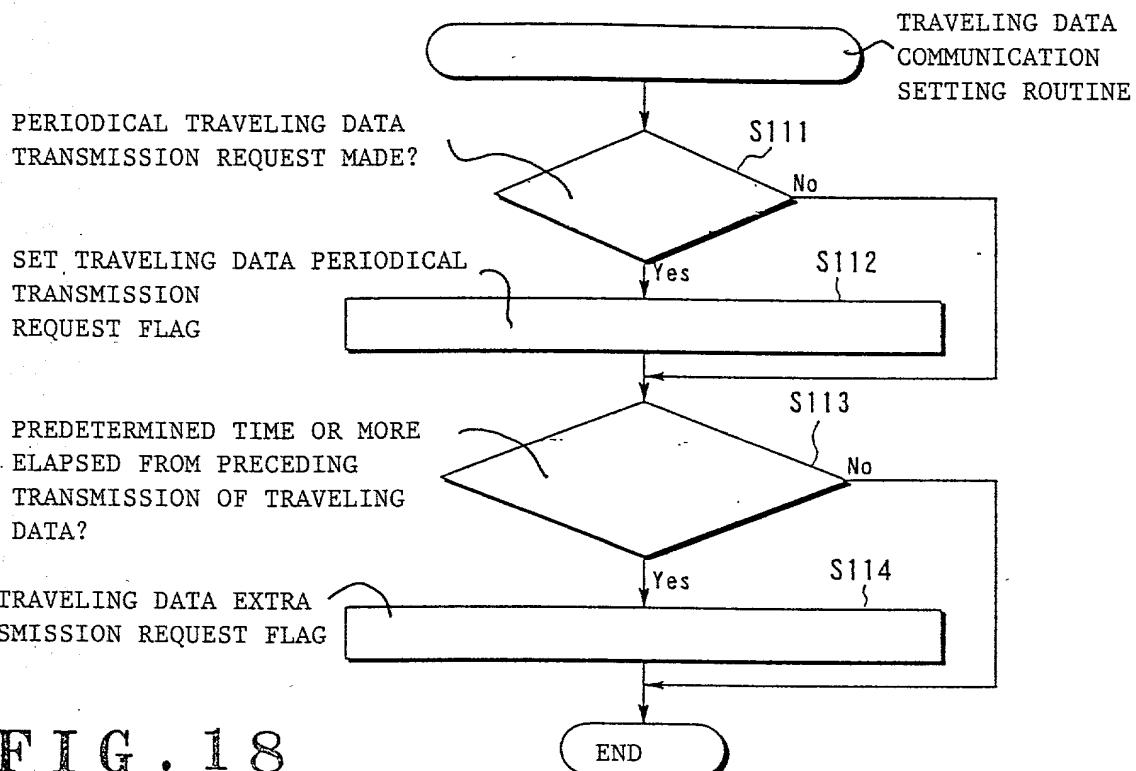
FIG. 15



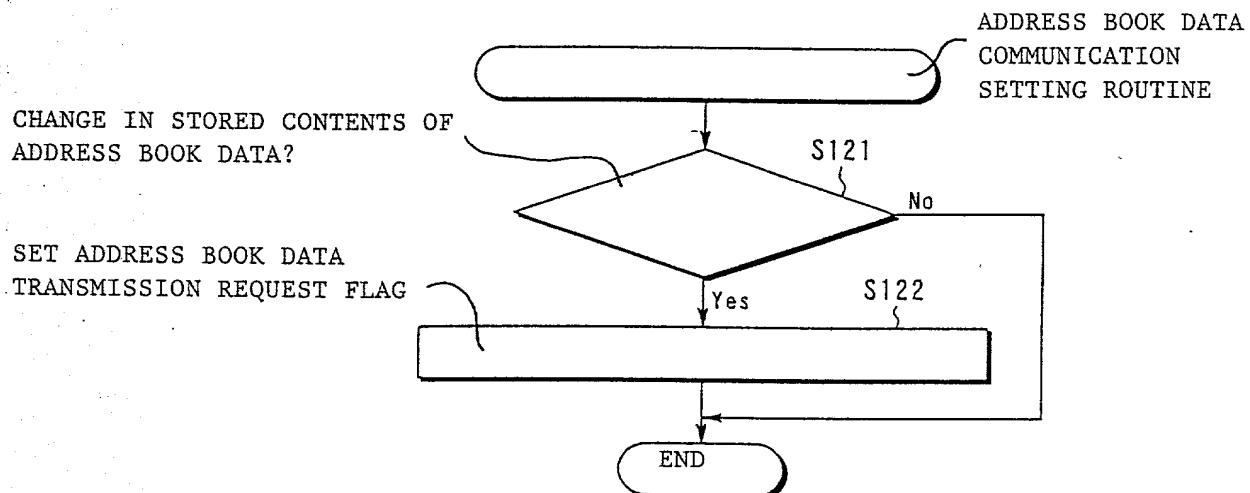
F I G . 1 6



F I G . 1 7



F I G . 1 8



F I G . 1 9

TYPE	DEVICE OR SERVER			VEHICLE MANAGEMENT CENTER DEVICE			TRAVELING MANAGEMENT CENTER DEVICE			MUSIC DELIVERY CENTER DEVICE			EMERGENCY MESSAGE CENTER DEVICE		
	VEHICLE DATA	DRIVER DATA	MUSIC DATA	MAP DATA	TRAVELING DATA	ADDRESS BOOK DATA	EMERGENCY DATA	VEHICLE DATA	DRIVER DATA	MUSIC DATA	MAP DATA	TRAVELING DATA	ADDRESS BOOK DATA	EMERGENCY DATA	
VEHICLE DATA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
DRIVER DATA	○	○	×	○	○	○	○	○	○	○	○	○	○	○	○
MUSIC DATA	×	×	○	○	○	○	○	○	○	○	○	○	○	○	×
MAP DATA	×	○	○	○	○	○	○	○	○	○	○	○	○	○	×
TRAVELING DATA	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
ADDRESS BOOK DATA	×	×	○	○	○	○	○	○	○	○	○	○	○	○	×
EMERGENCY DATA	×	×	○	○	○	○	○	○	○	○	○	○	○	○	○

FIG. 20

REQUEST FOR USER
 IDENTIFICATION CODE IN
 AND PASSWORD

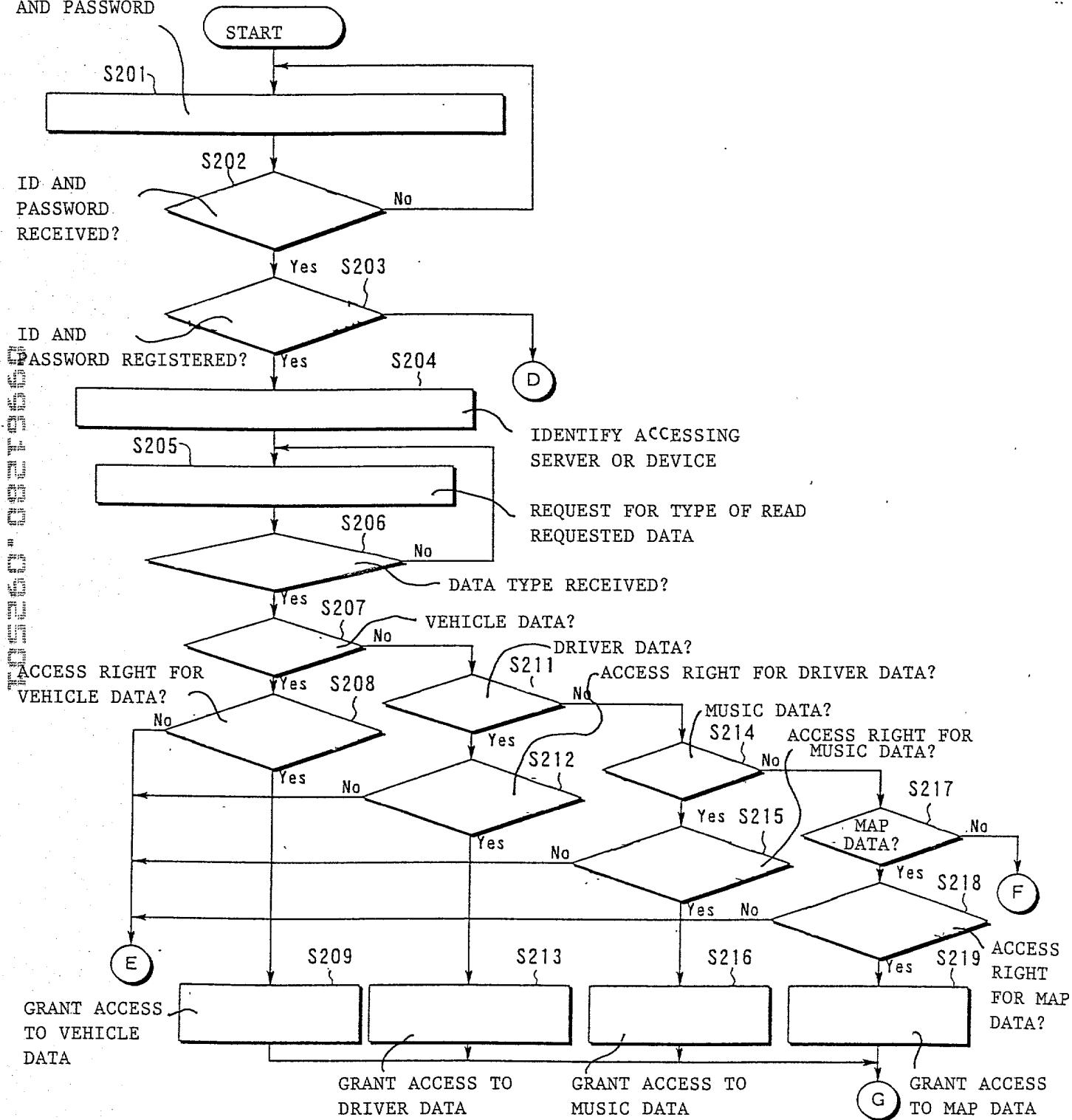


FIG. 21

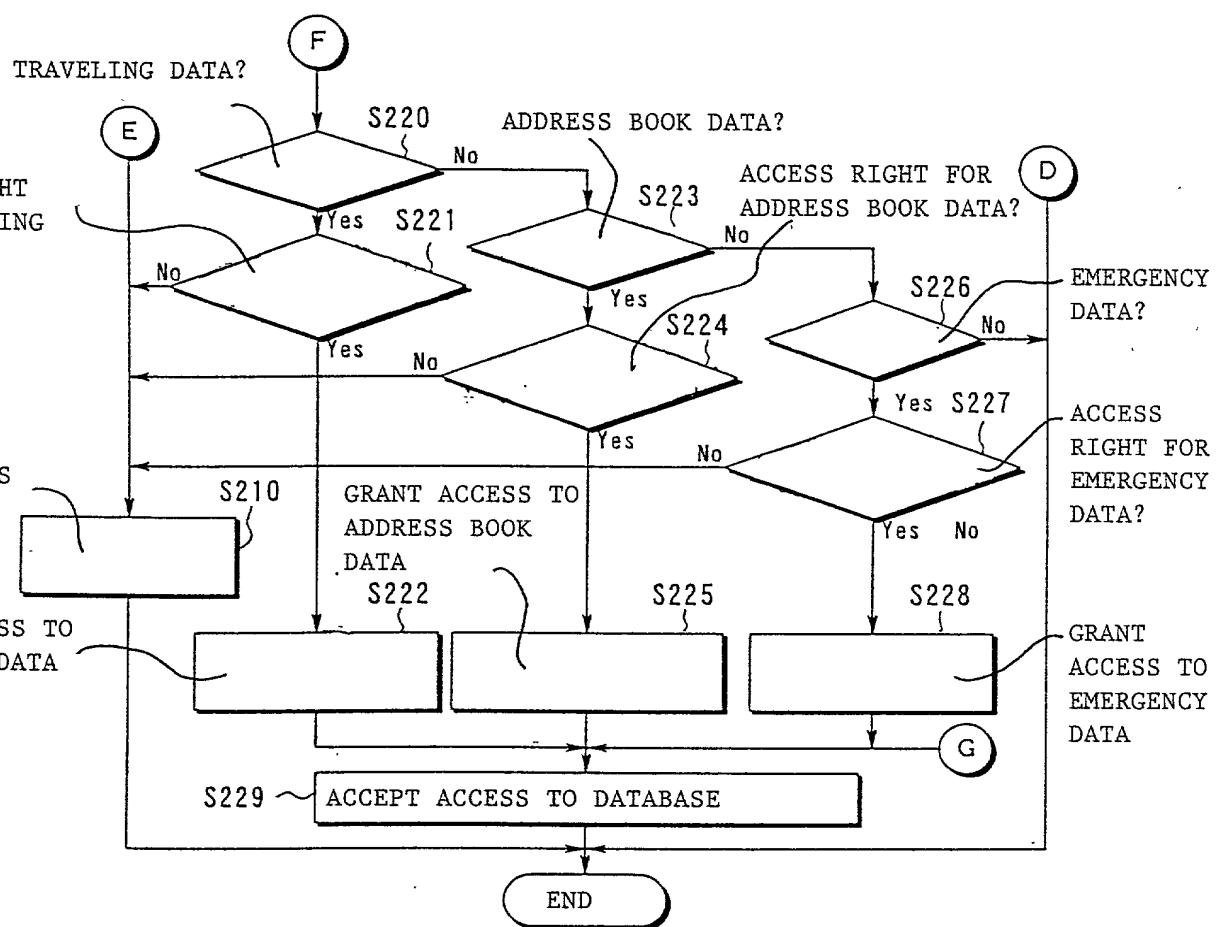


FIG . 22

USER GROUP	TYPE	FRIEND		POLICE		REPAIR SHOP	
		FAMILY MEMBER	SECURITY COMPANY			FIRE STATION	
VEHICLE DATA	OWNER	○	○	○	○	○	○
DRIVER DATA		○	○	○	○	×	○
MUSIC DATA		○	×	○	×	×	×
MAP DATA		○	○	○	○	○	×
TRAVELING DATA		○	○	×	×	×	○
ADDRESS BOOK DATA		○	×	×	×	×	×

FIG. 23

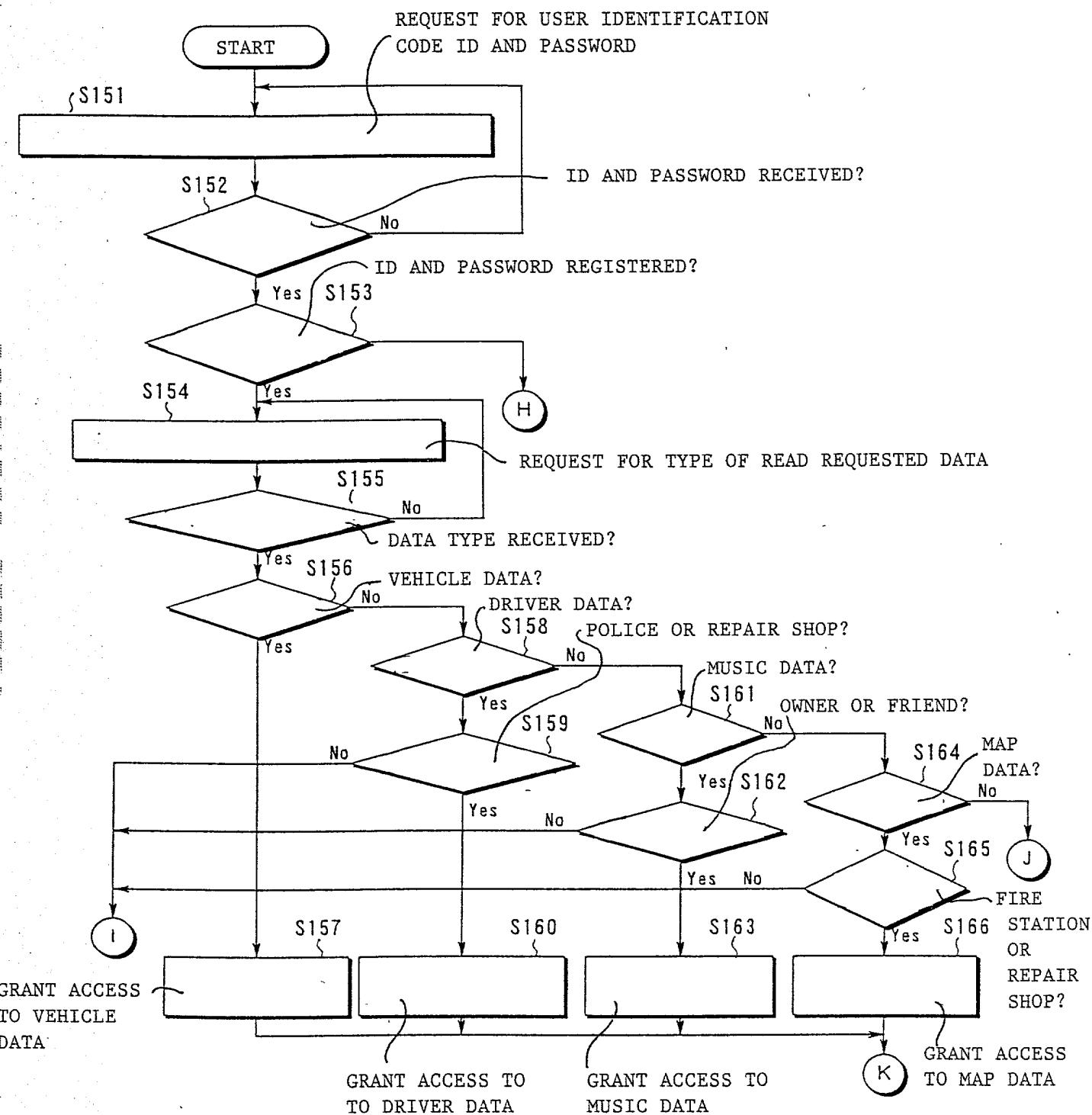


FIG. 24

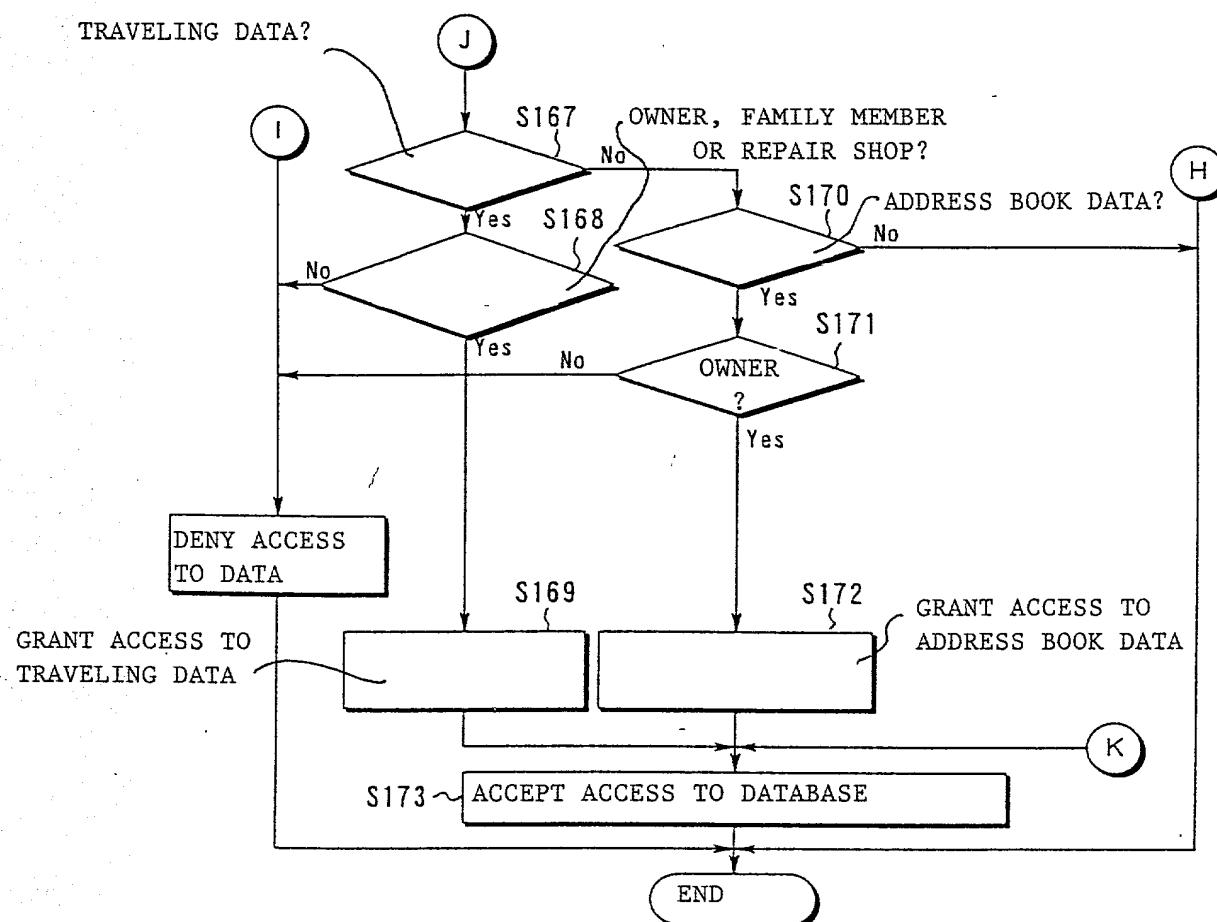


FIG. 25